

April 15, 2013

## **NEW XTR COMPONENTS AND WHEELS FOR XC RACERS**

**In search for lighter components and better performance SHIMANO today introduced new race components and wheels for its XTR XC groupset. Shimano XTR M980 series will see the addition of new race hydraulic disc brake components, new drivetrain components including a lighter bottom bracket and more durable chain, as well as ultra-lightweight carbon tubular 29" mountain bike wheels.**

Shimano debuts its lightest hydraulic disc brake system ever to the XTR line. Race rated to match the power and control of the M985 Race brake while dropping weight by 40g per wheel, the M987 disc brake will surpass rider expectations for a lightweight brake. Shimano engineers incorporated the use of a magnesium caliper and master cylinder construction in the new XTR BR-M987 to drop weight while maintaining system stiffness and control by properly managing heat. The new, lighter BL-M987 hydraulic disc brake lever lightens up thanks to carbon fiber lever blades and titanium fasteners. The BR-M987 caliper is compatible with ICE Technologies finned disc brake pads and the BL-M987 lever is I-spec compatible.

The SM-RT99 finned ICE Technologies disc brake rotor initially used on the World Cup downhill circuit is now available at the XTR level. New to SHIMANO's rotor line-up is the SM-RT99-S (140mm) Ice Technology rotor with FREEZA. FREEZA is a sandwich construction with a aluminum radiator fin that reduces heat. Heat is reduced by 40 degrees compared to rotors without FREEZA technology. Due to the improved heat reduction XC riders can use a one size smaller rotor. For example, if a rider normally rides with a 180 rotor he can use a 160 FREEZA rotor and keep the same high level of cooling performance at a light weight.

Professional XC riders asked SHIMANO for lighter XC wheels. After a year developing, fine tuning and testing in the World Cup circuit with Fabian Giger, Sergio Mantecon and Eva Lechner SHIMANO introduces lightweight full carbon tubular offset 29" rims for competitive XC riders. The wheels are available as a 15mm and 12mm E-thru system in the front and 12mm E-thru and quick release in the rear. Both have a center lock rotor mount system and a quick engagement freehub body for perfect traction.

Next to the brakes, rotors and wheels also the bottom bracket has been updated with new innovations. Because of a new and smaller design the both bottom brackets (thread type and pressfit type) are lighter, have a better sealing performance and provide a smoother rotation.

SHIMANO updated the chain (CN-M981) with a new surface technology called Sil-tec. an advanced surface plating technology to increase performance. Recently debuted in the Dura-Ace 9000 chain, Sil-Tec technology adds a low friction surface treatment that runs smoother and lasts longer. It is a directional chain for optimized shifting performance at the front and rear derailleur and uses hollow pins to reduce weight.

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## NOTES FOR EDITOR

**EMBARGO DATE** : APRIL 20 2013, 12:00 AM OSAKA, JAPAN TIME  
**WEIGHT INFORMATION** : SEE BELOW  
**PRODUCT PICTURES** : <https://extranet.shimano-eu.com/>

## WEIGHT INFORMATION

XTR M987-kit w/G01A resin pad, w/o adapter, for front , 800mm, postmount, W/RT99S : 305 grams  
XTR M987-kit w/G01A resin pad, w/o adapter, for front , 800mm, postmount, W/O RT : 186 grams  
XTR WH-M980-F15+R12 : 1349 grams  
XTR WH-M980-F12+QR : 1298 grams  
CN-M981 HG-X, 114L, w/o ampoule type connect pin : 259 grams  
SM-BB93, thread type : 71 grams  
SM-BB94-41A, pressfit type : 58 grams